

August 2010

CURRICULUM VITAE

Name: Mary J. McNally

Date and Place of Birth: April 14, 1968; S. Weymouth, MA

Citizenship: United States

Marital Status: Married

Education:

2000 - 2004	Classes towards Bachelors of Arts degree in Biology, Hood College, Frederick, MD
1991	A.A., General Studies, Essex Community College, Essex, Maryland
1986-1988	2 years of study at Massachusetts School of Pharmacy, Boston, Massachusetts

Brief Chronology of Employment:

1999 - present      Research Technician, Laboratory of Genomic Diversity (LGD), Basic Research Program, SAIC-Frederick, Inc., NCI-Frederick Cancer Research and Development Center, Frederick, MD

Responsibilities include: High throughput genotyping using Affymetrix SNP 6.0 Assay; High throughput using Illumina Golden Gate Assay; High throughput using Illumina Infinium Assay; Genotyping using Taqman Assay; Beckman NX and FX robotics for DNA extractions with phenol-chloroform and PCR clean up with cleanseq; Sequencing plates using the 3730 robotics system; data input utilizing FileMaker database: maintenance of numerous computer inventories, assist with input and removal of samples from FileMaker database including managing DNA extract inventory and freezer inventory; equilibrating & all quoting DNA for either single tube or plate format for multiple principle investigators; shipping out DNA samples; RFLP PCR; agarose gel electrophoresis; maintaining panel of over 80 templates of 96 well plates from multiple groups; aliquot DNA for multiple groups; maintain a back stock of DNA; assist in ordering for the lab; general daily lab responsibilities;

1995-1999      Research Technician, Intramural Research Support Program, NCI-Frederick Cancer Research and Development Center, Frederick, MD

Responsibilities include: data input utilizing Foxpro database; maintenance of numerous computer inventories; assist with input removal of samples from Foxpro database including freezer inventory, receipt of cells, and cell growth inventory; managing DNA extract inventory; cell culture, including separation of peripheral blood, EBV transformation of lymphocytes, culture lymphoblast cell lines, cryopreservation; maintaining working relationship with collaborators, and send samples for special testing.

1991-1995    Laboratory Technician, Intramural Research Support Program, NCI-Frederick Cancer Research and Development Center, Frederick, MD

Responsibilities included: Input data into database; maintain paper and computer records current; manage input and output from database including freezer inventory, receipt and cell growth cell line inventory; minor cell culture responsibilities.

1989-1991    Laboratory Technician, McCormick & Company, Hunt Valley, MD

Responsibilities included: Sieve analysis, bulk index studies, moisture and oil distillation, weight analysis, near infrared studies using NIR, systems 6500 and 5000 models, vacuum water analysis, inoculating samples, streaking plates, preparing media.

:

Research Interests: High throughput genotyping and HIV/AIDS research

Social Security Number: 221-68-7400

Present Address:                    4393 Moleton Dr.  
Mt. Airy, Maryland 21771

Abstracts:

1. Winkler,C; Ping,A; Binns,E; Gong,K; Kenefic,L; Konsovich,M; McNally,M; Nelson,G; Wu,X; Plummer,F; Vlahov,D;: HIV-1 progression in African-Americans: What is the role of candidate genes? DBS Retreat. :, 12/09/98.
2. Winkler,C; Modi,W; Nelson,G; Binns,E; Boaze,R; Carrington,M;Dean,M; Gong,K; Kenefic,L; Konsavich,M; McNally,M; O'Brien,S;Smith,M; Weedon,M; Wu,X;: A variant of SDF-1, the ligand for CXCR4, delays progression to AIDS and death. Keystone Symposia: HIV Pathogenesis and Treatment. :, March, 1998.